

PATENT COOPERATION TREATY

PCT Rec'd PCT/PTO 20 JUL 2005

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference HF/5-22818	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/000359	International filing date (day/month/year) 19/01/2004	(Earliest) Priority Date (day/month/year) 24/01/2003
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☒ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/000359

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C251/24 C07C249/02 C11D3/395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>COOK, D F ET AL: "Metal(III) compounds of potentially septadentate 'N403! ligands derived from tris(2-aminoethyl) amine and substituted salicylaldehydes. Part I. Preparation of gallium, chromium, manganese, iron, and cobalt compounds, and the crystal and molecular structure of the iron compound of....."</p> <p>JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS., 1976, pages 1369-1375, XP002260073</p> <p>CHEMICAL SOCIETY. LETCHWORTH., GB</p> <p>ISSN: 1472-7773</p> <p>page 1370, column 2, line 16 - line 48</p> <p>-----</p> <p>-/--</p>	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

18/08/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/000359

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CHANDRA, S K ET AL: "Flexible polydentate binding and aggregation of a tetramanganese complex with a < 3-A Mn-Mn contact from a mononuclear precursor. The centrosymmetric Mn₄O₂ 8+ core with peripheral phenolato bridging"</p> <p>INORGANIC CHEMISTRY., vol. 30, 1991, pages 3795-3796, XP002260074</p> <p>AMERICAN CHEMICAL SOCIETY. EASTON., US</p> <p>ISSN: 0020-1669</p> <p>* Page 3795, reference 9 *</p> <p>figure 1</p>	1-12
X	<p>CHANDRA S ET AL: "Mono- and Tetranuclear Manganese (III) Complexes of Tripodal Tris'2-(salicylideneamino)ethylamines"</p> <p>JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS, CHEMICAL SOCIETY. LETCHWORTH, GB, vol. 6, no. 6, 1993, pages 863-869, XP002125706</p> <p>ISSN: 1472-7773</p> <p>cited in the application</p> <p>page 863, column 2, paragraph 2</p>	1-12
A	<p>RAMESH, K ET AL: "Manganese(III) complexes with MnIIIN3O3 (S=2) co-ordination by sexidentate schiff-base ligands: synthesis, spectra and electrochemistry"</p> <p>JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS., 1991, pages 2917-2920, XP002260075</p> <p>CHEMICAL SOCIETY. LETCHWORTH., GB</p> <p>ISSN: 1472-7773</p> <p>the whole document</p>	1-12
A	<p>WO 01/05925 A (SCHLINGLOFF GUNTHER ;DANNACHER JOSEF (CH); DBALY HELENA (CH); HAZE) 25 January 2001 (2001-01-25)</p> <p>cited in the application</p> <p>the whole document</p>	1-12
A	<p>WO 01/09276 A (HAZENKAMP MENNO ;KURATLI ROLF (CH); KVITA PETR (CH); SCHMIDLIN ANI) 8 February 2001 (2001-02-08)</p> <p>cited in the application</p> <p>the whole document</p>	1-12
A	<p>WO 02/059245 A (DANNACHER JOSEF ;HAZENKAMP MENNO (CH); KVITA PETR (CH); CIBA SC HO) 1 August 2002 (2002-08-01)</p> <p>cited in the application</p> <p>the whole document</p>	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

ST/EP2004/000359

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0105925	A	25-01-2001	AU 6156200 A	05-02-2001
			BR 0012390 A	19-03-2002
			CA 2377279 A1	25-01-2001
			CN 1361816 T	31-07-2002
			WO 0105925 A1	25-01-2001
			EP 1194514 A1	10-04-2002
			JP 2003505349 T	12-02-2003
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			CN 1365383 T	21-08-2002
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			EP 1200545 A1	02-05-2002
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			WO 02059245 A1	01-08-2002
			EP 1354025 A1	22-10-2003
			TW 573010 B	21-01-2004
			US 2004142842 A1	22-07-2004